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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/032,329	12/31/2001	Christopher D. Combs	219.40441X00	4577
20457	7590 01/03/2003			
ANTONELLI TERRY STOUT AND KRAUS SUITE 1800 1300 NORTH SEVENTEENTH STREET ARLINGTON, VA 22209			EXAMINER	
			PAUMEN, GARY F	
			ART UNIT	PAPER NUMBER
			2833	
			DATE MAILED: 01/03/2003	

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No. 10/032.329 Applicant(s)

Combs et



Art Unit Examiner Gary Paumen 2833 -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _____ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filled after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). Status 1) Responsive to communication(s) filed on Nov 27, 2002 2b) $\overline{\chi}$ This action is non-final. 2a) This action is **FINAL**. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213. Disposition of Claims is/are pending in the application. 4) X Claim(s) 1-30 4a) Of the above, claim(s) ______ is/are withdrawn from consideration. is/are allowed. 5) Claim(s) ______ is/are rejected. 6) Claim(s) is/are objected to. 7) Claim(s) are subject to restriction and/or election requirement. 8) X Claims 1-30 **Application Papers** 9) The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). 11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) \square All b) \square Some* c) \square None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e). a) Li The translation of the foreign language provisional application has been received.

1) Notice of References Cited (PTO-892)

2) Notice of Draftsperson's Patent Drawing Review (PTO-943)

3) Information Disclosure Statement(s) (PTO-1449) Paper Mr.

Attachment(s)

6) Other:

4) Interview Summary (PTO-413) Paper No(s).

5) Notice of Informal Patent Application (PTO-152)

15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

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1. The reply filed on November 27, 2002 is not fully responsive to the prior Office Action because of the following omission(s) or matter(s): the provisional election is incomplete because the elected claims are all dependent claims, no independent claims having been indicated. Further, from the specification it appears that Figures 2-4 and 17-20 are part of the invention. They are not indicated as being Prior Art. Figures 22-24 are indicated on page 16 as being part of a further example embodiment (species). Figures 25-27 are indicated on page 18 as illustrating another embodiment (species). There appears to be no relationship between the species of 1)

Figures 21A,B, 2) Figures 22-24, and 3) Figures 25-27. See 37 CFR 1.111. Since the above-mentioned reply appears to be bona fide, applicant is given ONE (1) MONTH or THIRTY (30) DAYS from the mailing date of this notice, whichever is longer, within which to

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gary Paumen whose telephone number is (703) 308-1414.

supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS

Gary Paumen

TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

gfp

January 2, 2003